

Hold The Line

Growth Management for Sustainability

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Hold the Line Coalition Lead



Friends *of the* Everglades



TROPICAL
AUDUBON
SOCIETY



SIERRA
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Saving Special Places



Urban Environment League

of Greater Miami

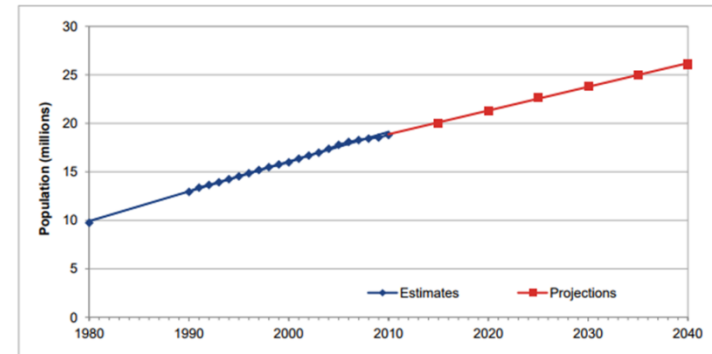
Growth Management & the Future of Florida's Environment

Florida's population projected to reach 26 million between 2030-2040.

The State's built infrastructure must change to accommodate the growing population

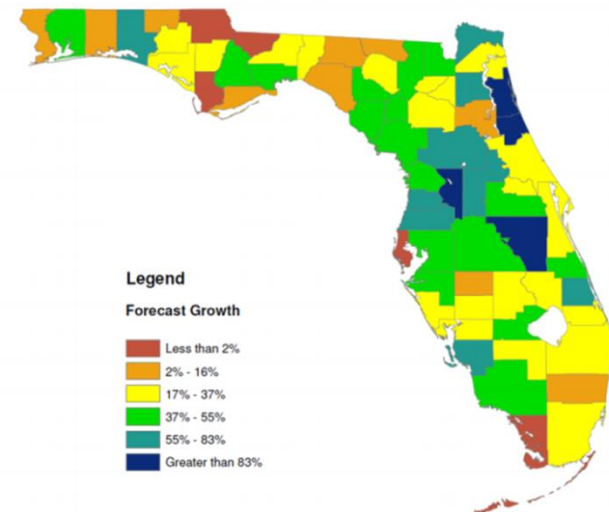
163.3177(1)(f)(3), Florida Statutes states that each municipal CDMP must accommodate medium population projections for at least a 10 year planning period

Leaves us with only Two Options...



Sources: U.S. Census Bureau; University of Florida - Bureau of Economic and Business Research, *Projections of Florida Population by County, 2012-2040*, 2013.

Figure 12 – Forecast Growth by County, 2012 – 2040



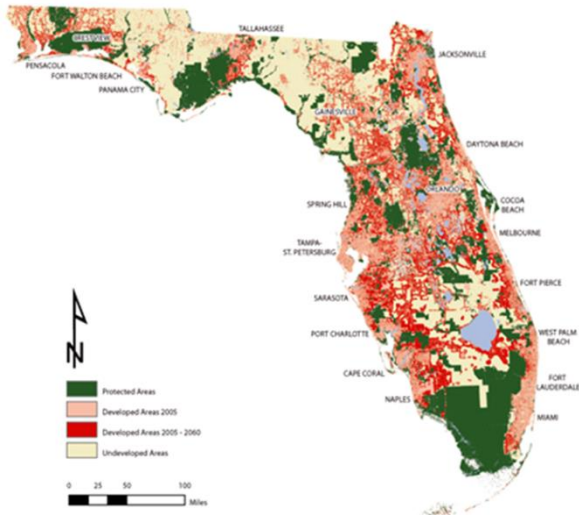
Source: U.S. Census Bureau, *U.S. Census, 2010*; University of Florida – Bureau of Economic and Business Research, *Projections of Florida Population by County, 2012-2040*.

Our Two Options

Sprawl Out

Allow current trends to continue. Sprawl out further from the urban core and pave over our state's farms, wetlands, and flood zones.

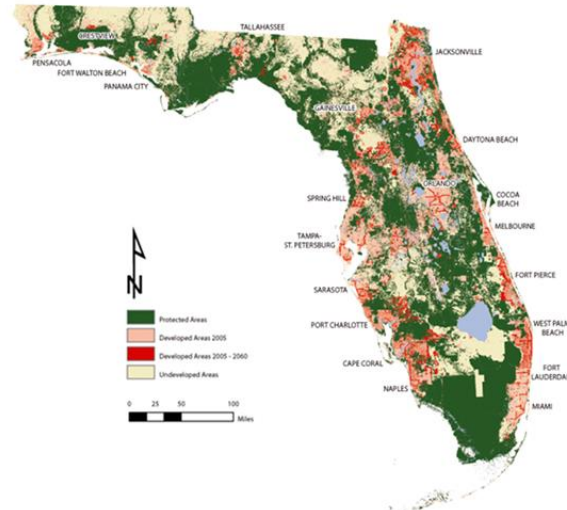
This path will despoil our resources, endanger our native species, waste our wealth and put our citizens in harms way.



Grow In

Promote dense infill development along high elevation mass-transit corridors alongside agriculture and conservation land.

This Path will allow our state to prosper economically while preserving our rich biodiversity and precious landscapes.



Source: Barnett, Dobshinsky. 2007. "An Alternative Future, Florida in the 21st Century, 202, 2040, 2060. City Planning 702 Urban Design Studio, University of Pennsylvania.

The UDB protects...

- **Our Water Supply:**

The agricultural lands, wetlands, and large lots outside the UDB all provide adequate open space to provide well-field recharge to restore the water withdrawn from the Biscayne Aquifer, our chief drinking water source. This area is the most transmissive part of our aquifer and our CUP's rely upon recharge of the aquifer in this area.

- **Our Local Food Supply:**

Agriculture is an important part of Miami-Dade's economy, and provides the capacity for local food production. (can not drop below 50K acres)

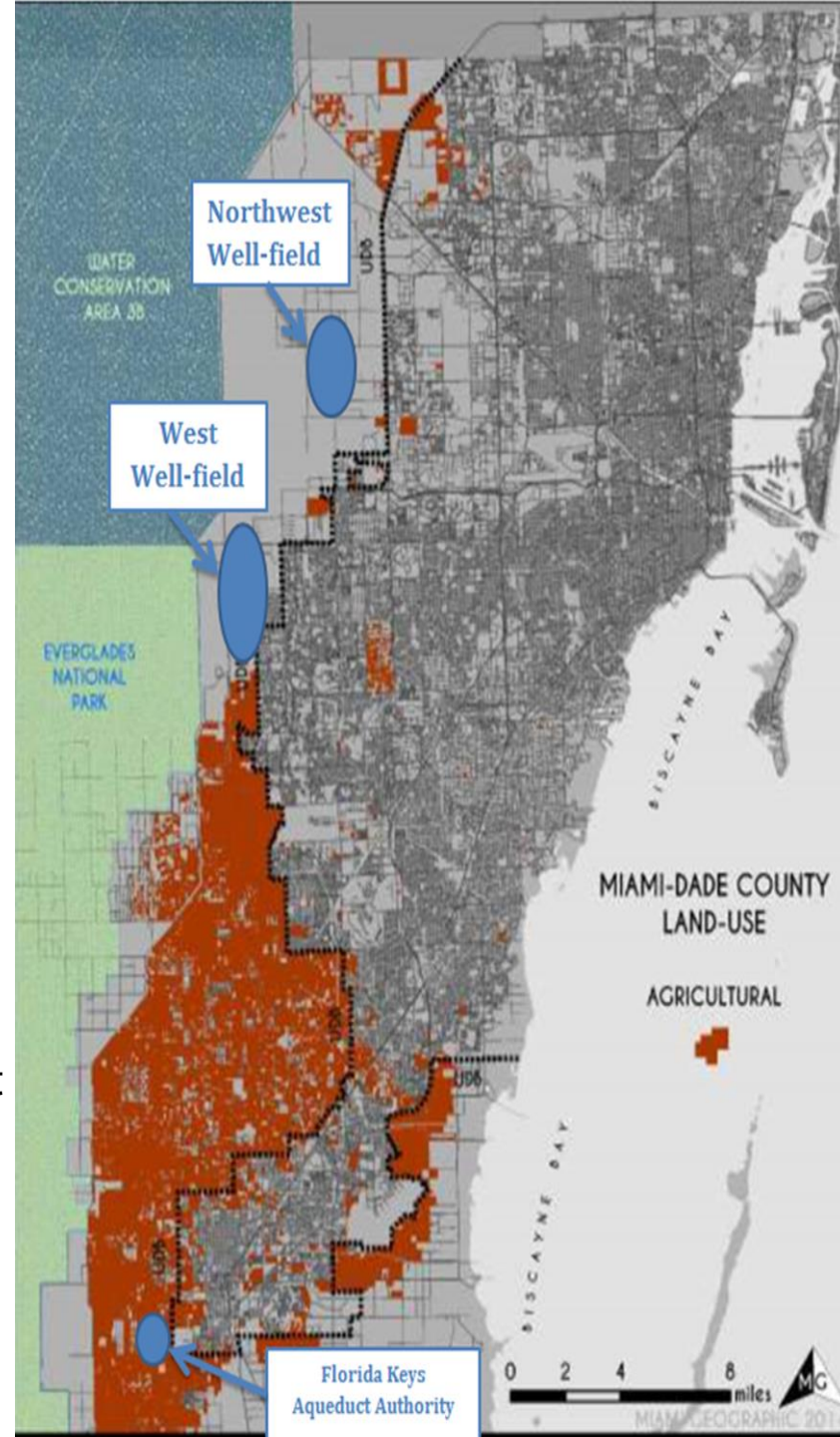
- **Our Citizens**

The farms and wetlands outside the UDB offer a buffer to flooding that helps keep Miami-Dade residents safe during storm events.

Keeping the UDB in place is the best means of promoting the densification and robust public transit system that our county desperately needs.

- **The Everglades**

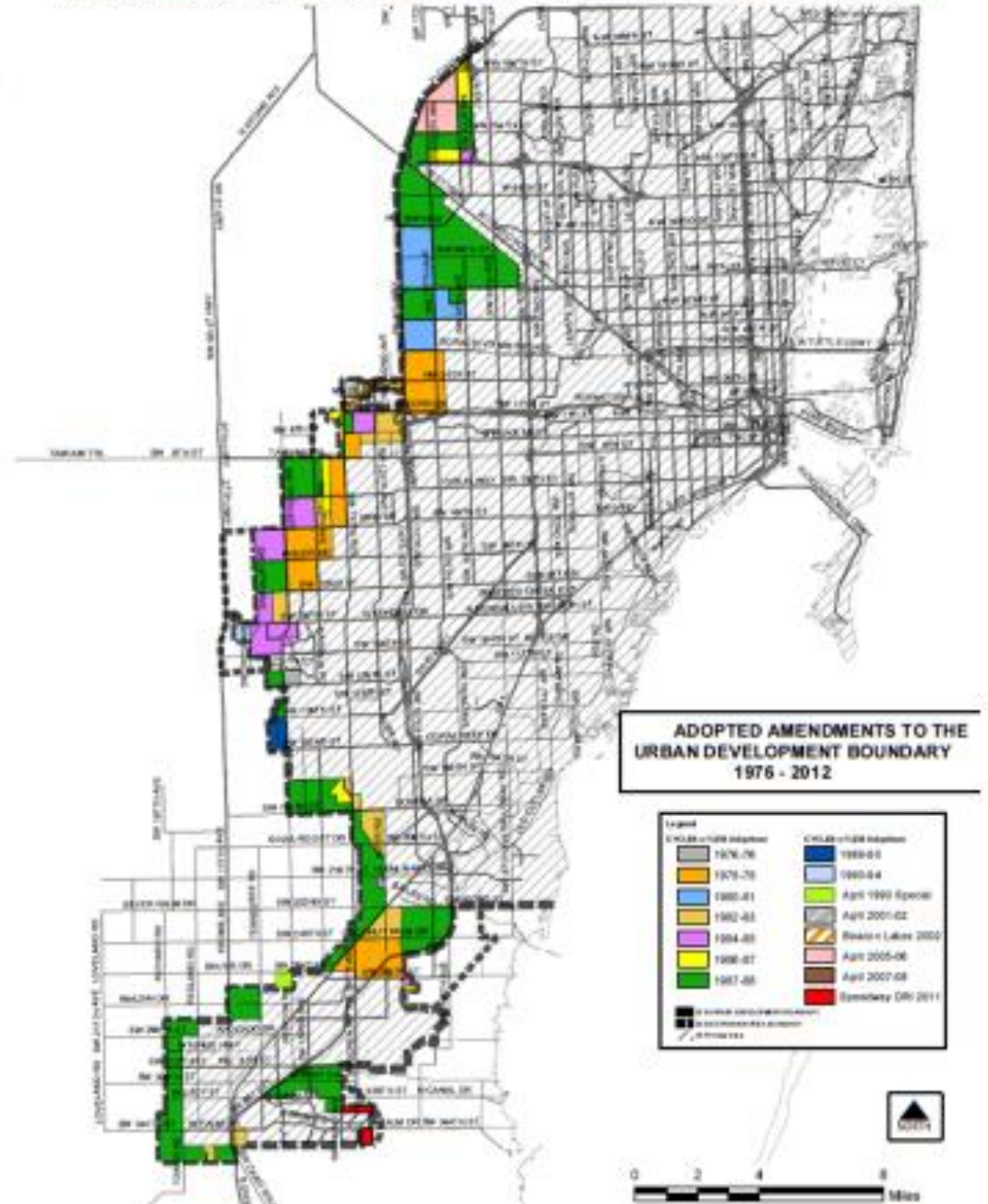
The East Coast Buffer a part of the 68 CERP projects is protected by the Urban Development Boundary. All CERP projects work together to get us the benefits we need important to our resiliency.



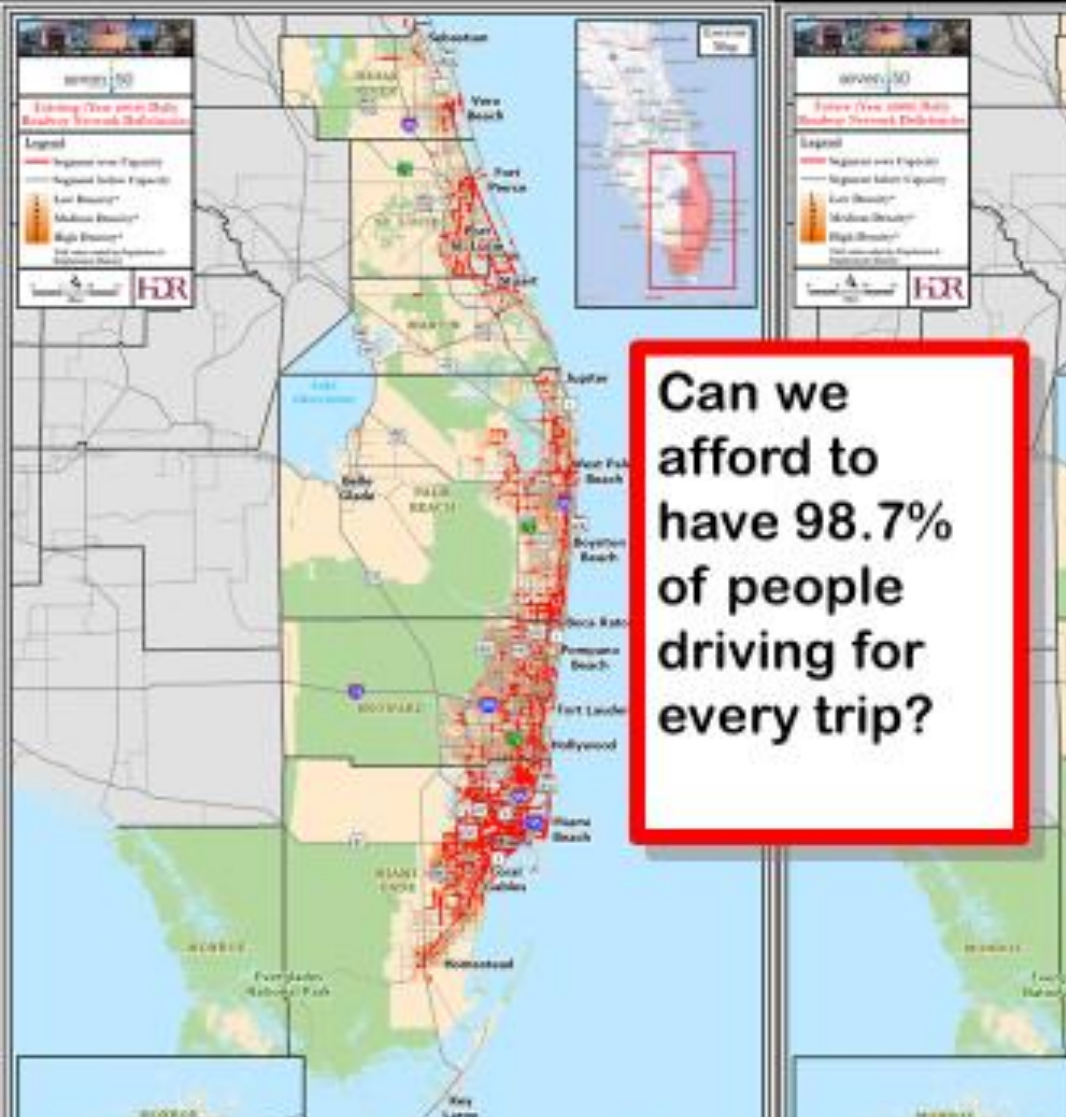
UDB Amendments

- Developable land has increased by 54 square miles

Year	Sq. mi. in UDB
1975	366
1980	375
1988	414
1995	415
2005	416
2012	420



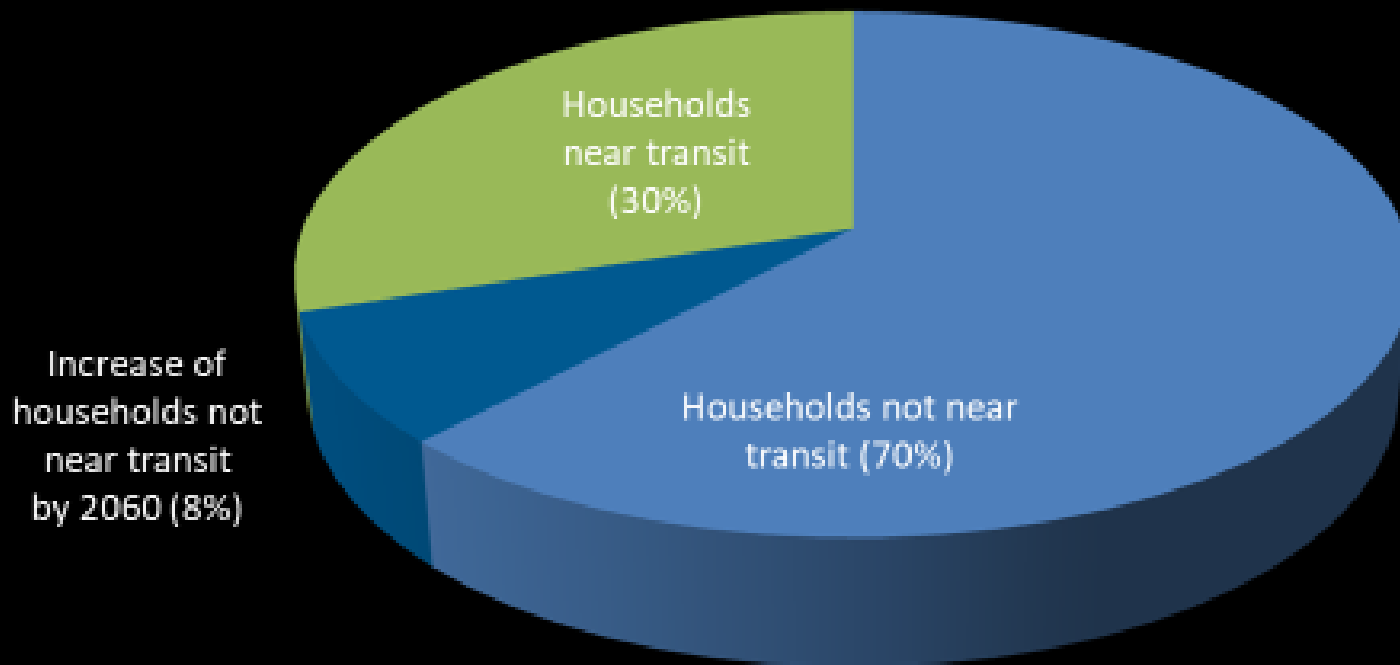
anticipated future roadway deficiencies if current trends continue



Can we afford to have 98.7% of people driving for every trip?




















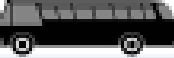









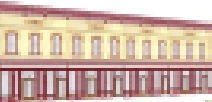




















70% of households will not live near transit by 2060



model: maps



	Trend	1: Suburban Expansion	2: Strategic Upgrades	3: Region in Motion
Farmland Consumed	 250+ Sq. Miles	 480+ Sq. Miles	 150 Sq. Miles	 60 Sq. Miles
Infrastructure Cost (Transportation, Water, Sewer, Utilities)	 \$31.3 Billion	 \$38.1 Billion	 \$26.4 Billion	 \$24 Billion
Single Family Homes vs. Condos, Apartments & Townhomes	 SF 85%	 Multi 15%	 SF 75%	 Multi 25%
Transportation Choices	 	 	   	   
Walkable Communities (Walk to Work, Stores, School, Transit, Parks)	  	 	    	     
Average Housing + Transportation % Income Per Household	  60%	  50%	  45%	  43%
Climate Resilience Investment	\$	\$	\$ \$	\$ \$ \$

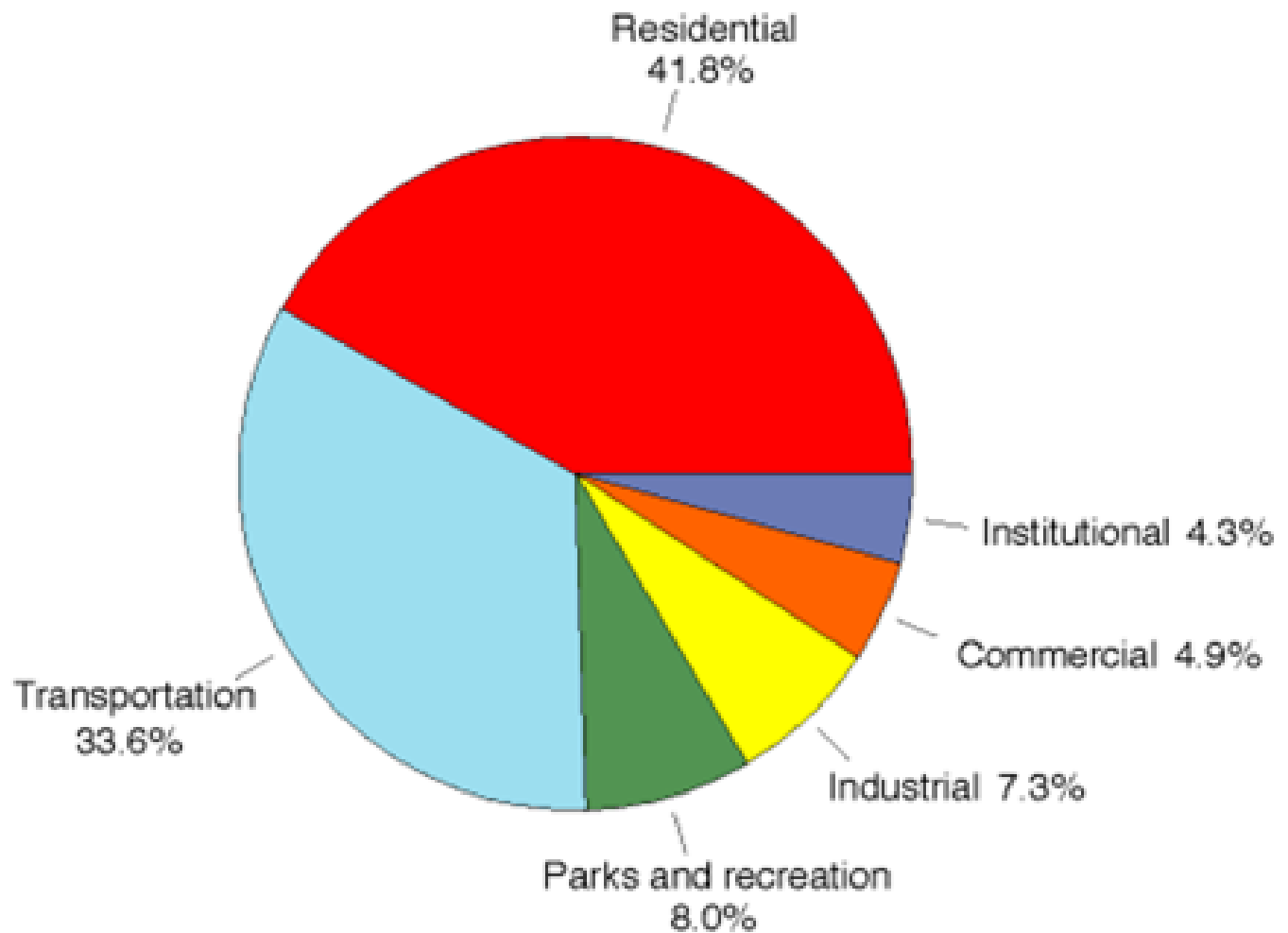


Figure 5 . Approximate land-use percentages in the developed area of Miami-Dade County.

The Cost of Unmanaged Growth

Loss & Contamination of Freshwater Resources

- Diminished Groundwater Recharge
- Increased Contamination From Runoff
- Conflict with Everglades Restoration Efforts

Loss of farmland and wildlife habitat

- Estimated Loss of 7 million acres in Florida by 2060 should current trends continue (1000 friends of Florida, Florida 2060)
- 2.7 million acres projected agricultural land loss, 2.7 million acres habitat
- Despite some incompatibilities with environmental health, Farmland provides suitable habitat for many native species
- Large mammals such as panther and black bear at greatest risk

Economic Costs

- Expensive to extend municipal services out into new development
- Lost Productivity from traffic
- Massively drives up cost of implementing Mass Transit, & reduces viability
- Impact Consumptive Use Permit for drinking water

Degraded Human Health, Safety and Well-being

- Increased Traffic (with accompanying impacts of automobile use)
- Increased incidence and intensity of flooding
- Impacts Overall Resiliency
- Environmental/Social Justice Issues

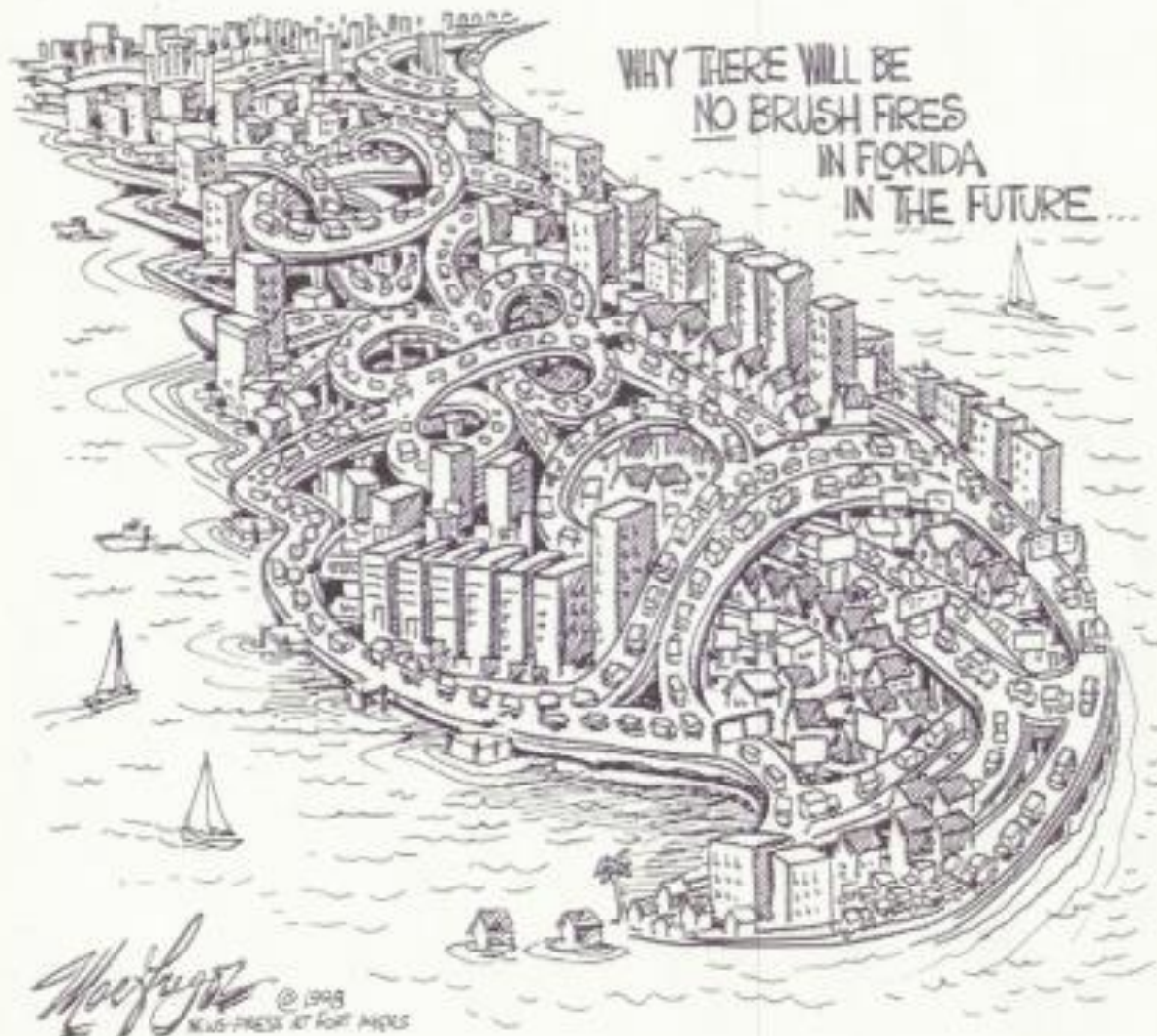
“Traffic is for 21st century public health what sewage was for the 19th century.”

Yellow Fever
Cholera
Typhoid
Dysentery
1853

Stress & mental health
Asthma
Obesity
Heart disease
2018



WHY THERE WILL BE
NO BRUSH FIRES
IN FLORIDA
IN THE FUTURE...



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